BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 800000.00

Name of Work: Detailed Estimate for the work of Improvements and renovation at BBMP helppoint in ward no-04.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	A) CIVIL WORK								
1	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2016-17	cum							
	for Chin Link Fencing		1	14.00	0.90	0.90	11.34		
			1	15.00	0.90	0.90	12.15		
			1	2.80	2.50	0.30	2.10		
			1	4.60	2.30	0.30	3.17		
	for pipes		8	0.45	0.45	0.75	1.22		
	desilting of existing drains		1	65.00	0.60	0.60	23.40		
							53.38	**332.98**	**17774.00**
	Basic Rate	283.00							
	Ad-HOC 11%	31.13							
	Sub Total	314.13							
	Area Weightage 6%	18.85							
	Grand Total	332.98							
2	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 134 (SR 2016-17)	cum							
			Vide Item No. 1+2				**53.38**	**110.13**	**5879.00**
	Basic Rate for loading and unloading	68.00							
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2 50 X 8	25.60							

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		93.60							
	Basic Rate	93.60							
	Ad-HOC 11%	10.30							
	Sub Total	103.90							
	Area Weightage 6%	6.23							
	Grand Total	110.13							
3	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2016-17	**Cum**							
	for Chain Link Fencing		1	14.00	0.90	0.15	1.89		
			1	15.00	0.90	0.15	2.03		
			1	2.80	2.50	0.15	1.05		
			1	4.60	2.30	0.15	1.59		
			8	0.45	0.45	0.15	0.24		
							6.80	**5726.51**	**38912.00**
	Basic Rate	4867.00							
	Ad-HOC 11%	535.37							
	Sub Total	5402.37							
	Area Weightage 6%	324.14							
	Grand Total	5726.51							
4	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (Page No. 23/ Item No. 5.6)	Sqm							
	for Chin Link Fencing		1	14.00	0.75	0.20	2.10		
			1	15.00	0.75	0.20	2.25		
			1	14.00	0.60	0.40	3.36		
			1	15.00	0.60	0.40	3.60		
							11.31	**4926.42**	**55718.00**
	Basic Rate	4187.00							
	Ad-HOC 11%	460.57							
	Sub Total	4647.57							
	Area Weightage 6%	278.85							
	Grand Total	4926.42							

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2016-17	Cum							
	for Chin Link Fencing		1	14.00	0.45	0.40	2.52		
			1	15.00	0.45	0.40	2.70		
							5.22	5888.88	30740.00
	Basic Rate	5005.00							
	Ad-HOC 11%	550.55							
	Sub Total	5555.55							
	Area Weightage 6%	333.33							
	Grand Total	5888.88							
5	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2016-17	Cum							
	for CLF coping concrete								
			1	14.00	0.45	0.10	0.63		
			1	15.00	0.45	0.10	0.68		
	flagging concrte		1	2.80	2.50	0.15	1.05		
			1	4.60	2.30	0.15	1.59		
							3.94	7072.54	27880.00
	Basic Rate	6011.00							
	Ad-HOC 11%	661.21							
	Sub Total	6672.21							
	Area Weightage 6%	400.33							
	Grand Total	7072.54							

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRB 15.1.1: Providing **flush pointing** to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications (Page No.113/Item No. 15.1)	Sqm							
		1x2	2	14.00		0.40	11.20		
		1x2	2	15.00		0.40	12.00		
							23.20	114.13	**2648.00**
	Basic Rate	97.00							
	Ad-HOC 11%	10.67							
	Sub Total	107.67							
	Area Weightage 6%	6.46							
	Grand Total	114.13							
7	Supplying and fixing **M.S Rectangular poles** made out of 2 equal angles of 65x65x6 mm welded together and fixed in cc1;2;4 with 2 nos16 mm dia M.S Hold fasts rods of each length 25 cms, including cost of all materials, cutting,bending scaffolding where ever necessary,nice finishing the welded joints with all lead and as per the direction of the Engineer in charge of the workand including providing 2 coats of approved quality paint over one coat of shop painting(excluding the cost of earth work and concrete) (Page No 255/ Item No. 37.2)	Mtrs							
	for Chin Link Fencing		8			2.50	20.00		
			9			2.50	22.50		
							42.50	963.64	**40955.00**
	Basic Rate	819.00							
	Ad-HOC 11%	90.09							
	Sub Total	909.09							
	Area Weightage 6%	54.55							
	Grand Total	963.64							
8	Providing and fixing **M.S Block pipe of 38 mm dia,** of heavy guage of 14 including the removing the bends,cutting the pipe and fixing the pipe inbetween the two verticle polesM.S Rectangular pole and spot welding the chain linking with M.S Blockpipe including cost of all materials,wastage in cutting and scaffolding where ever necessary with all lead and liftas per the direction of the Engineer in charge of the workand including providing 2 coats of approved quality paint over one coat of shop painting (Page No. 255/ Item No. 37.4)	Mtrs							
	for Chin Link Fencing	1x2	2	14.00			28.00		
		1x2	2	15.00			30.00		
							58.00	381.22	**22111.00**

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	324.00							
	Ad-HOC 11%	35.64							
	Sub Total	359.64							
	Area Weightage 6%	21.58							
	Grand Total	381.22							
9	Providing **chain link fencing 50** mmsize of 8 guage properly stretched bet ween the rectangular poles and fixed with suitable bolts and nuts ,the free ends shall be welded to the pole and block pipe at top and bottom as required , including cost of all materials, labour lead and,liftj and as per the direction of the Engineer in charge of the workand including providing 2 coats of approved quality paint over one coat of shop painting (Page No. 255/ Item No. 37.3)	sqm							
	for Chin Link Fencing		1	14.00		1.80	25.20		
			1	15.00		1.80	27.00		
							52.20	775.38	**40475.00**
	Basic Rate	659.00							
	Ad-HOC 11%	72.49							
	Sub Total	731.49							
	Area Weightage 6%	43.89							
	Grand Total	775.38							
10	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq pipe, GI sq rods, GI forged designs etc , heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work. (Data Rate	Nos							
			1	2.50		2.00	5.00		
	Data rate	12475.00					**5.00**	12475.00	**62375.00**

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	**12475.00**							
11	RCC Precast covering slab for drain (10cm thick)	**sqm**							
	missing covering slab for existing drains		1	59.00	0.90		53.10		
							53.10	**2100.00**	**111510.00**
	Rate Approved by BBMP	**2100.00**							
12	Supplying and fixing granite benches to the parks and Governament schools etc...,	**Nos**							
			6				6.00		
							6.00	**10550.00**	**63300.00**
	BBMP Approved Rate	10550.00							
13	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvanised iron Trpezoidal profiled sheet of approved make 1060mm width (1000mm cover width), 28-30 mm crest height with cest distance of 200 mm c/c with 2ribs at the center for stiffening , The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc –Alu Alloy coating AZ 150 gsm as pe ASTM 1397/A755-550 mpa steel grade. 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling /self tapping screws of 25mm length,to be fixed over the existing purlins, rafters channel and trusses. No. 300/ Item No. 38.30 PWD SR 2016-17	sqm							
	GI Sheet (0.5mm)		1	8.50	4.00		34.00		
			1	10.00	3.50		35.00		
							69.00	**923.08**	**63692.00**
	Basic Rate	770.00							
	Ad-HOC 11%	84.70							
	Sub Total	854.70							
	Area Weightage 8%	68.38							
	Grand Total	923.08							
14	Steel Pre fabricates structure with a 14 Guage (3)" each 60 kg including cutting and transportation complete	kgs							
	M.s Rectangular tubes 1 Length=35.00 kgs =3x8.5 =25+27=52 /6 mtr per length = 9 length x 35 kgs		9	35.00			315.00		
	M.s Rectangular tubes (purlines) 1 Length=35.00 kgs =11x4 =44+45=89.5 /6 mtr per length = 15 length x 35 kgs		15	35.00			525.00		
							375.00		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	MS Pipe 150mm dia 14 guage = 6 Nos x 150kg (10 pipe = 10x4/6=7 lengh x 150 kgs = 1050 kg						1050.00		
							2265.00	95.00	215175.00
							Sub Total		799144.00
15	Miscellaneous charges								
									856.00
								Total	800000.00
	(Rupees Eight lakhs Only)								

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2016-17
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka satellitetown Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 8:00 Lacs
Eight Lacs only
is accorded under head P-1771-
2017-18
Registered as CE No. Subject
to conditions contained in enclosed memo
No. EE/AA/6017-18 Dt. 8-2-18

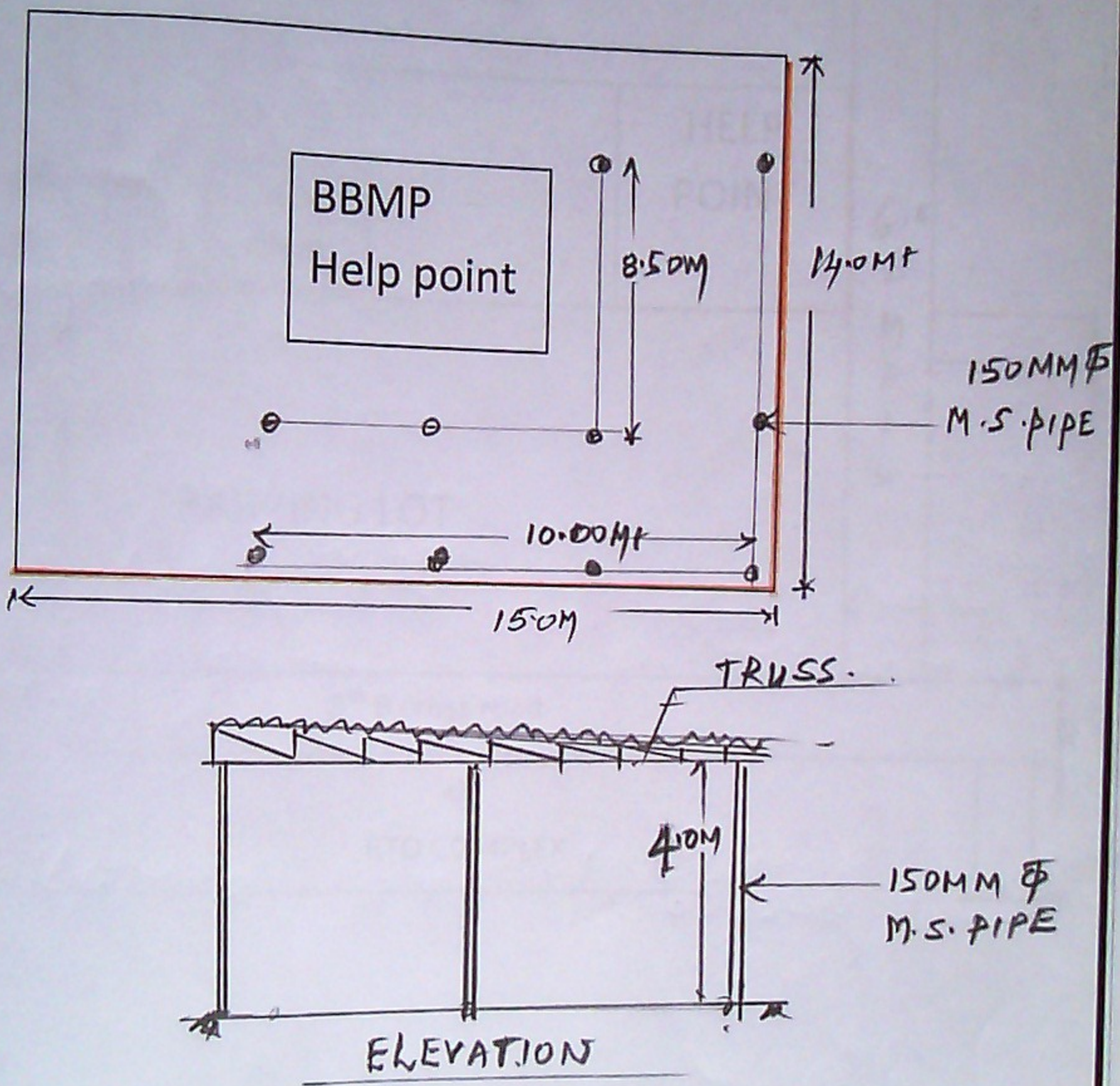
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 8.00 L
Rupees Eight Lacs only
Under P-1771-2017-18
Registered as CE ( ) No. 99
Subject to conditions contained in
enclosed memo EE ( ) No. /99/
Dt.
EE/TS/861/17-18
Dated 16-02-2018 8.00 L

Executive Engineer

NAME OF WORK:

Improvements and renovation at BBMP Helppoint in ward no-04.



ELEVATION

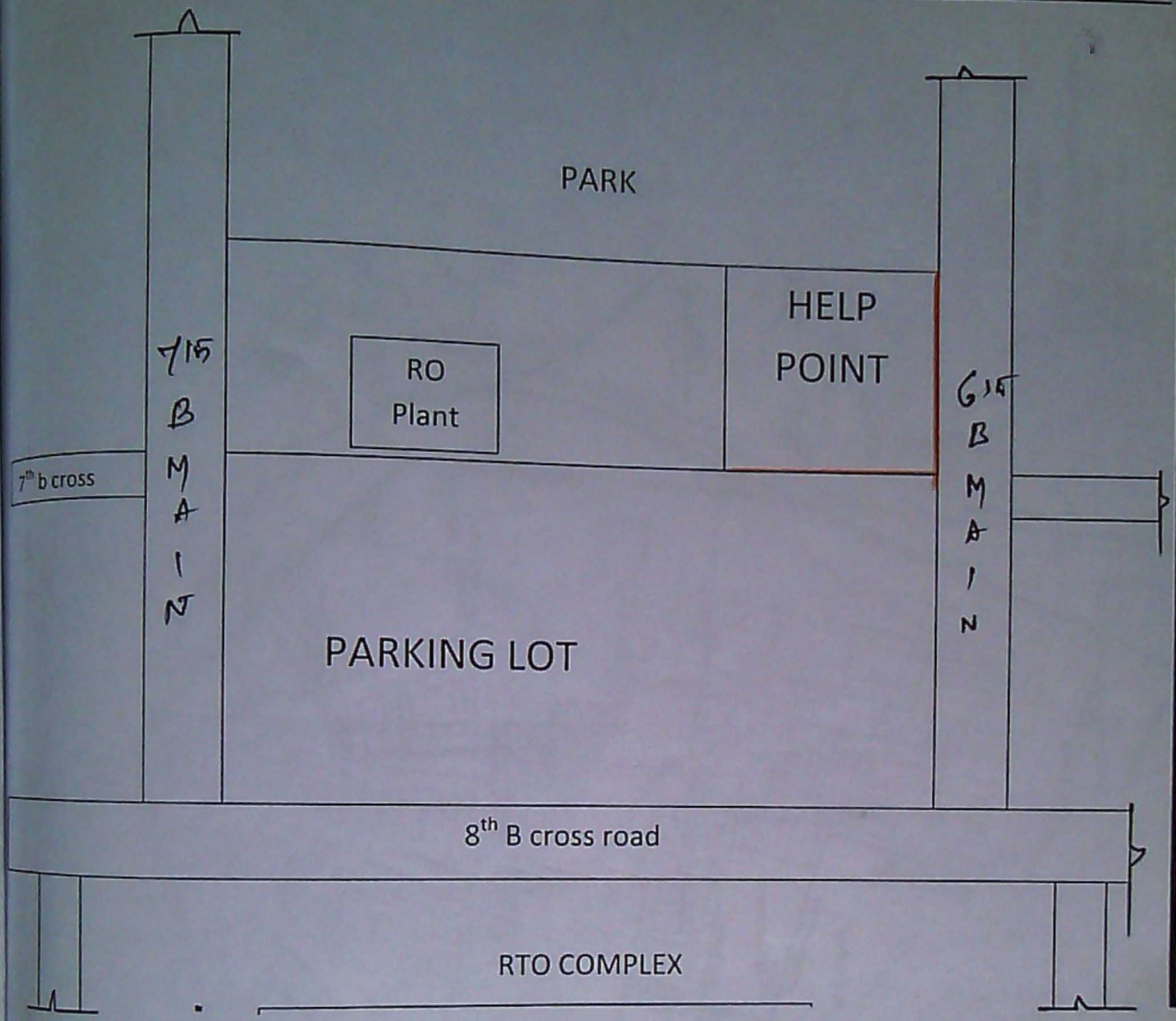
INDEX:

PROPOSED C.L.F.

A.E. Ramareeswara.

A.E.E.

Name of work: Improvements and renovation at BBMP helppoint in ward no-04



Ramareyseenal

PROPOSED WORKSPOT.

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 4 - YELHANKA SATELLITE TOWN

150 - YELAHANKA AC

N

208- SFS COLONY
YESHWANTPURA ROAD
POTTERHALLI ROAD
WAP STADIUM
5TH B CROSS
BWSSB OFFICE
EAST COLONY
DODABALLAPURA RD
13TH A MAIN
YELAHANKA SETELLITE TOWN
8TH CROSS
PARK
7TH B MAIN
6TH B CROSS
16TH B CROSS
2ND MAIN
UDAYA LAYOUT
P M Enclave
MOTHER DAIRY
EXI CMC WARD BND
AMPUS
POLICE QUARTERS
BELLARY ROAD
NEHRU NAGAR
RAILWAY LINE
SUB REGISTRAR
BWSSB TREATMENT PLANT
7TH A MAIN
SOMA NAGAR
CHIKKA BOMMASANDRA
16TH B CROSS
AMBEDKAR COLONY
JALATA COLONY
ALLALASANDRA KERE
GKVK CAMPUS
20TH MAIN
JUDICIAL LAYOUT
20TH CROSS
14TH MAIN
ALLALASANDRA
VIDYASHILP ACADAMY SCHOOL
MANTRI TOWN SHIP
SHOBHA ULTIMA VIL
JUDICIAL COLONY
8TH MAIN
MAIN ROAD/ GKVK CAMPUS CMPD
GKVK CAMPUS ROAD

Ramarajeevich

NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09

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- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD